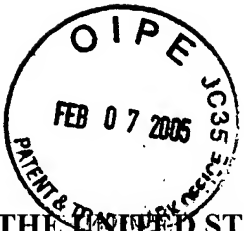


S/N 10/645,003



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shivakumar Seetharaman	Examiner:	Patricia Nguyen
Serial No.:	10/645,003	Group Art Unit:	2817
Filed:	August 20, 2003	Docket:	P16185
Title:	TRANSIMPEDANCE AMPLIFIER WITH RECEIVE SIGNAL STRENGTH INDICATOR		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(d)(1) and 37 C.F.R. §1.97(e)(1), Applicant state that each item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Supplemental Information Disclosure Statement.

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

In accordance with the Patent and Trademark Office's waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i), copies of the listed U.S. patents are not enclosed because the current application has been filed after June 30, 2003.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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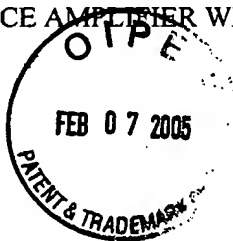
Applicant: Shivakumar Seetharaman

Title: TRANSIMPEDANCE AMPLIFIER WITH RECEIVE SIGNAL STRENGTH INDICATOR

Docket No.: P16185

Filed: August 20, 2003

Examiner: Patricia Nguyen



Serial No.: 10/645,003

Due Date: February 24, 2005

Group Art Unit: 2817

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard and this transmittal document.
- ☒ An Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 1 cited documents.
- ☒ Credit Card Payment Form (1 pg) with authorization to charge \$180.00 for consideration of this Information Disclosure Statement.

CUSTOMER NUMBER: 45459

By

A handwritten signature in black ink, appearing to read "Edmund P. Pfleger".

Edmund P. Pfleger
Reg. No. 41,252
EPP:mjm

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 4 day of February, 2005.

MEREDITH MESCHER
Name

Meredith Mescher
Signature

(GENERAL)



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No : 10/645,003

Filing Date: August 20, 2003

Title: TRANSMIMPEDANCE AMPLIFIER WITH RECEIVE SIGNAL STRENGTH INDICATOR

Page 2
Dkt: P16185

In accordance with the waiver of 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and publication for all U.S. national patent applications filed after June 30, 2003, only copies of the foreign references and other documents are enclosed.

Respectfully submitted,

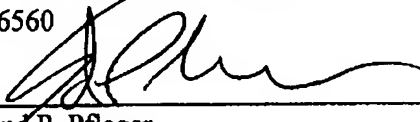
SHIVAKUMAR SEETHARAMAN

By his Representatives,

CUSTOMER NUMBER: 45459

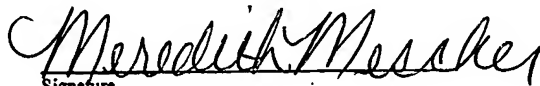
603-668-6560

Date 2-4-05

By 
Edmund P. Pfleger
Reg. No. 41,252

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 4 day of February, 2005.

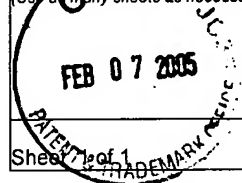
MEREDITH MESCHER
Name


Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/645,003
Filing Date	August 20, 2003
First Named Inventor	Seetharaman, Shivakumar
Group Art Unit	2817
Examiner Name	Patricia Nguyen
Attorney Docket No:	P16185

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-20020092972A 1	07/18/2002	Ames, S. J., et al.	
	US-20030066947A 1	04/10/2003	Alwan, J. , et al.	
	US-20030098407A 1	05/29/2003	Ames, S. J., et al.	
	US-5,923,454	07/13/1999	Eastmond, B. C., et al.	
	US-6,084,478	07/04/2000	Mayampurath, B.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PCT Search Report for PCT/US2004/026258, (2004), 12 pages	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached